TECHNICAL ENDOSCOPES

iProbe©

Contents

Articulating video borescope jProbe VJ-ADV..... 3
Articulating video borescope jProbe PX..... 6
Articulating video borescope jProbe LP..... 9
Articulating video borescope jProbe XL.....11
Articulating video borescope jProbe TX 13
Video borescope jProbe MX.....15
Articulating video borescope jProbe FX.....17
Articulating video borescope jProbe GX 19
Wireless video borescope jProbe RX.....22
Video borescope jProbe LT 24
Wireless video borescope jProbe VB.....25
Video borescope jProbe Heat EX 26
Inspection camera jProbe SP.....28
Foreign objects retrieval tool 29

To get a quick access to the device description, push and hold the Ctrl button and click the required section with the left button of the mouse.

Articulating video borescope jProbe VJ-ADV

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 640 X 480

AVI VIDEO FORMAT: 640 X 480

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS

PROBE OVERHEATING SENSOR

AUTONOMOUS WORK TIME

AA BATTERIES

4-WAY CONTROLLED ARTICULATION

- 440 000 PIXELS CCD CAMERA
- 3.5" LCD MONITOR
- ADJUSTABLE LED ILLUMINATION
- ZOOM IN AMD MIRROR FUNCTIONS
- AUTONOMOUS 7" TFT MONITOR
- VIDEO RECORD AND SNAPSHOT
- VIDEO OUT FOR ADDITIONAL MONITOR
- AUTOMATIC SHUT-OFF FUNCTION
- SENSITIVE JOYSTICK CONTROL

jProbe VJ-ADV video borescopes price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length 1,0 m	1,5 m	3,0 m	5,0 m
6.9 mm with articulation	-	16 833,00	22 333,00	25 666,00
3.9 mm with articulation	-	19 500,00	24 916,00	-
2.8 mm with articulation	21 665,00	24 833,00	-	-

Interchangeable optic tips price-list (for 3.9 / 6.9 mm jProbe VJ-ADV video borescopes) (USD, EXW EUROPE, US)

	90° optic tip
	200,00

TRUE ONE-HAND OPERATION

The unique pistol grip design features 4-way joystick articulation that allows one-hand operation. Easy to reach thumb buttons for video and image capture and brightness adjustment make performing inspections like second nature.

STANDALONE PORTABILITY

There is no need for a separate monitor. Our lightweight compact design has a built-in LCD display. All image capture, storage and processing is handled on-board.

VERSATILE DESIGN

Now available in 2.8 mm, 3.9 mm and 6.9 mm probe diameters. Probes range from 1.0 to 5.0 meter lengths making the VJ-ADV right for almost any task of remote visual inspection.

jProbe VJ-ADV
Technical specifications

Probe diameter	**2,8 mm**	**3,9 mm**	**6,9 mm**
Articulation	All-way 360° (90° in any direction) joystick-controlled articulation		
Probe braiding material	Polyethylene	Stainless steel	Stainless steel
Field of view	(H/V): 70°/ 70°		(H/V): 72°/ 54°
Depth of field	4 mm ~ 40 mm	4 mm ~ ∞	15 mm ~ ∞
Adjustable illumination	Fiber optics (5 output levels)	6 Super High-Intensity White LED (5 output levels)	4 Super High-Intensity White LED (5 output levels)
Distal end length	14 mm	13 mm	15 mm
Weight	480,0 g (with 1,0 m probe)	480,0 g (with 1,5 m probe)	650,0 g (with 1,5 m probe)
LCD monitor	3.5" LCD		
Power supply	Autonomous, 4 AA batteries		
Frame frequency	30 fps		
Digital zoom	2x		
Sensor	CCD		
Storage media	2 Gb (Micro SD card)		
Working temperature	-30°C~60°C		
Relative humidity	max 95%, without condensing		
Connection to PC	USB		
Audio out	Socket for external microphone connection		
Video out	Composite / Digital USB 2.0		
Video format	JPEG (640 x 480)		
Image format	AVI (640 x 480)		
Resistance to aggressive environments	Machine oil, heating oil, engine oil, salt water with 3,5% concentration, diesel fuel		

jProbe©
jProbe VJ-ADV
Color LCD Monitor
Integrated image processing module
Probe length from 1.0 to 5.0 m
Integrated control panel
Joystick for 4-Way Articulation Control
Still Trigger (Still Image Capture)
REC / STOP Button (For Video)
BRIGHTNESS Button (Adjustment of LED illumination)
Controllable distal end with camera
Ergonomic pistol grip design
Adjustable LED illumination
Standard AA batteries
USB slot / MicroSD card

STANDARD PACKAGE

- Base unit
- Probe
- USB cable
- Charging unit
- 4 x AA batteries
- Headphone for audio comments recording
- Protective cap (for Ø 3,9 and 6.9 mm probes)
- Storage and transportation case
- Micro SD memory card, 2 Gb
- User manual

Robust metal braiding of the probe

Articulating video borescope jProbe PX

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 640 X 480

MPEG 4 VIDEO FORMAT

VIDEO OUT: NTSC/PAL

AUTONOMOUS WORK TIME

LI BATTERY

4-WAY ARTICULATION

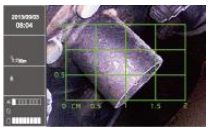
RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS DUST-/ DAMPPROOF **IP57**

INTERCHANGEABLE PROBES

RESISTS 1 M DROP

SD CARD UP TO 32 GB

- HR CMOS CAMERA • 7 " LCD MONITOR(800x480)
- LED BRIGHTNESS ADJUSTMENT
- ZOOM IN AMD MIRROR FUNCTIONS
- B&W OR COLOUR IMAGE
- IMMEDIATE VIDEO AND SNAPSHOT
- VIDEO OUT FOR ADDITIONAL MONITOR



DEFECT SIZE MEASUREMENT FUNCTION

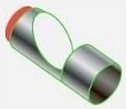
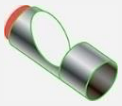
**measurement tip is included in the standard package*

jProbe PX base unit price-list (USD, EXW EUROPE, US)

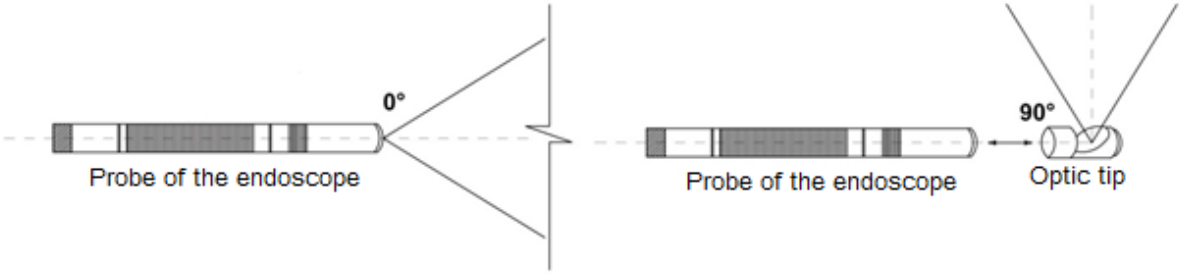
4 100,00

jProbe PX interchangeable probes price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length	
	2 m	3 m
HYPERION 6.0 mm with articulation	**6 646,00**	**7 393,00**
5.5 mm MACRO	**1 115,00**	**-**

Interchangeable optic tips price-list (for jProbe PX Ø 6.0) (USD, EXW EUROPE, US)			
70° optic tip	**110° optic tip**	**Measurement tip**	**Optic tip with 2 view directions (front and side 90°)**
			
38,00	**38,00**	**163,00**	**65,00**

Interchangeable optic tips are required to change the view direction from front to side, at the certain degree.

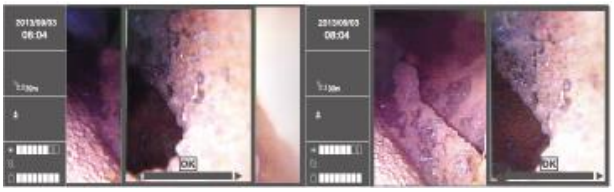


An innovative technology of the mathematical image processing is implemented in the device. This technology increases the sharpness at the edges of the field of view and optimizes the overall quality of the image, thus increasing the accuracy of the observation results. There are eight illumination levels, five of which are usually enough for almost all applications. The other three additional levels with extended exposure time are used to illuminate extremely dark hard-to-reach cavities.

ILLUMINATION TURBO MODE

INVERT

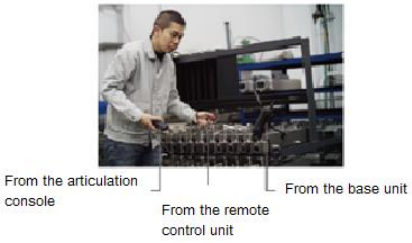
COMPARISON



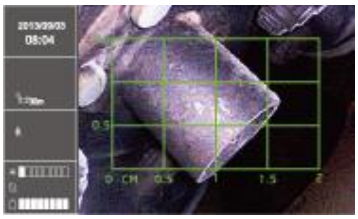
Compare 2 images to estimate the defect evaluation in time.

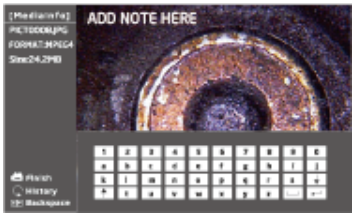
IMAGES FROM 2 CAMERAS ON ONE MONITOR

3 WAYS TO CAPTURE THE IMAGE



COMPARISON FUNCTION / TEXT COMMENTS





TECHNICAL SPECIFICATIONS	
Size	240.0*154.0*47.0 mm
Weight	1 300.0 g
Monitor	7" LCD (800x480)
Power source	Li-Ion 3.7 V rechargeable battery Autonomous work time – 7 hours Full charge time - 3 hours
Battery capacity	4 hours
Storage media	SD memory card (up to 32 Gb)
Video out	NTSC и PAL
Audio out	Built-in microphone / Socket for external microphone connection
Working temperature	0ºC~60 ºC
Relative humidity	max 95%, without condensing
Interface	AV
Video format	MPEG4
Still image format	JPEG (640*480)
Articulation	4-way
Articulation angle	90° in any direction

STANDARD PACKAGE

- Base unit
- Interchangeable articulation probe
- SD memory card, 4 Gb
- USB cable
- Power adapter
- Optic elements cleaning package
- Rigid push rod
- Remote control unit
- 70° optic tip
- 110° optic tip
- Measurement tip
- Optic tip with 2 view directions
- Sun visor
- Wrist strap
- Neck strap
- Robust storage and transportation case
- User manual

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Articulating video borescope jProbe LP

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 720 X 576

AVI VIDEO: 720 X 576

4-WAY ARTICULATION

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS DUST-/ DAMPPROOF **IP57**

VIDEO OUT: NTSC/PAL

AUTONOMOUS WORK TIME

LI BATTERY

RELIABLE ARTICULATION MECHANISM

For long probes articulation

INTERCHANGEABLE CAMERAS

Short-focus, long-focus and side view

(for the Ø 8,4 mm probe)

INTERCHANGEABLE PROBES

LONG ARTICULATION PROBES

SD CARD UP TO 32 GB

- EXTREMELY ROBUST TUNGSTEN BRAIDING OF THE PROBE
- LED BRIGHTNESS ADJUSTMENT
- ERGONOMIC DESIGN
- IMMEDIATE VIDEO AND SNAPSHOT
- VIDEO OUT FOR ADDITIONAL MONITOR
- AUTOMATIC SHUT-OFF FUNCTION

LARGE HIGH-QUALIRY MONITOR

5.8" high resolution LCD monitor makes it possible to detect even the smallest defects. Monitor has an antiglare covering.

INTERCHANGEABLE PROBES

Articulation probes can be changed depending on the task. You can connect ∅ 4,5 / 6,5 / 8,5 mm probes to your base unit.

ALL SYSTEM IN ONE CASE

All components of the system are safely placed inside robust and convenient case for storage and transportation.

jProbe LP base unit price-list (USD, EXW EUROPE, US)

8 400,00

jProbe LP flexible interchangeable probes price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length			
	1,5 m	3,0 m	6,0 m	8,0 m
4.5 mm with articulation	7 966,00	10 356,00		
6.5 mm with articulation	10 920,00	14 183,00		
8.4 mm with articulation	10 080,00	13 103,00	17 033,00	22 133,00

TECHNICAL SPECIFICATIONS

Probe diameter	4.5 mm	6.5 mm	8.4 mm
Field of view	90°		120°
Resolution, pixels	410,000		440,000
Depth of field	8 mm ~ 20 mm	15 mm ~ ∞	10 mm ~ 100 mm 25 mm ~ ∞
Probe braiding material	Tungsten		
Articulation	4-way (90° in any direction)		
Safety level	IP65	IP65 (IP67 optionally)	
LCD monitor	5.8” colour TFT, 1024*768		
LED brightness ajustment	5 levels		
Interfaces	Video out	NISC/PAL composite cable	
	USB out	USB for connection to PC	
Image recording	Storage media	SD memory card 8 Gb	
	Still image	JPG 720*576 pixels	
	Video	AVI 720*576 pixels, 30 fps	
Image playback functions		Video: Play, Pause Still image: 9 digital zoom levels	
System working temperature		-20ºC ~ 60ºC	
Power supply	DC	12 V Li-Ion rechargeable battery	
	AC	AC 100-240 V 50-60 Hz	
Work time		4 – 5 hours	
Weight		2 100.0 g	
Size		300*170*60 mm (with the probe)	

STANDARD PACKAGE

- Base unit
- Probe
- Interchangeable camera
- 2 x screw plugs
- 2 x safety rubber caps
- 3 x rubber sealants for the optic tips
- SD memory card 8 GB
- Power source
- Composite cable
- Table stand
- Optic elements cleaning package
- Wrist strap
- Neck strap
- Robust storage and transportation case
- User manual

Articulating video borescope jProbe XL

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: HD 1024 X 768

AVI VIDEO: 720 X 576

4-WAY ARTICULATION

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS DUST-/ DAMPPROOF **IP57**

VIDEO OUT: NTSC/PAL

AUTONOMOUS WORK TIME

LI BATTERY

HD QUALITY SENSOR

The monitor provides real, sharp, high-quality images of the defects

INTERCHANGEABLE CAMERAS

Short-focus, long-focus and side view

(for the Ø 8,4 mm probe)

BUILT-IN SERVOMECHANISMS

WHITE BALANCE AJUSTMENT

SD CARD UP TO 8 GB

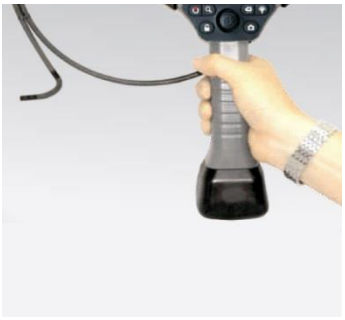
- EXTREMELY ROBUST TUNGSTEN BRAIDING OF THE PROBE
- LED BRIGHTNESS ADJUSTMENT
- ERGONOMIC DESIGN
- IMMEDIATE VIDEO AND SNAPSHOT
- VIDEO OUT FOR ADDITIONAL MONITOR
- EXCHANGEABLE BATTERIES

MOTORISED ARTICULATING MECHANISM

Built-in servomechanisms provide perfect articulation of the distal end.

TUNGSTEN BRAIDING OF THE PROBE

The probe has a multilayer braiding, the outer layer is made of tungsten. Tungsten braiding is the most wear-resistant material amongst all other materials.



EASY TO USE

The device was specially designed for the one-hand operation/ It is very lightweight and easy to use.

jProbe XL video borescopes price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length		
	1,0 m	1,5 m	3,0 m
3.0 mm with articulation	on request	-	-
4.5 mm with articulation	-	13 150,00	16 437,00
6.5 mm with articulation	-	11 978,00	15 571,00
8.4 mm with articulation	-	11 330,00	14 161,00

TECHNICAL SPECIFICATIONS

Probe diameter	3.0 mm	4.5 mm	6.0 mm	8.4 mm
Field of view	90°			
Resolution, pixels	300,000	350,000	410,000	440,000
Depth of field	8 - 20 mm	8 - 80 mm	8 - 80 mm / 15 mm - ∞	8 - 80 mm / 15 mm - ∞
Safety level	IP65		IP65 (IP67 optionally)	
Probe braiding material	Stainless steel		Tungsten	
Camera head length	9 mm		15 mm	
Articulation	2-way 90°	4-way (90° in any direction)		
Articulation mechanism	Electric servomechanisms, joystick-contolled			
Articulation	4-way (90° in any direction)			
LCD monitor	5.8" colour TFT, 1024*768			
Illumination	High-intensity LEDs			
Illumination adjustment	5 levels			
Interfaces	VIDEO out	NISC/PAL Composite cable		
	USB out	USB for connection to PC		
	Storage media	SD memory card 8GB		
Image recording	Still image	JPG 1024*768 pixels		
	Video	AVI 720*576 pixels, 30 fps		
Image playback functions	Video: Play, Pause Still image: 9 digital zoom levels			
System working temperature	-20ºC ~ 60ºC			
Power supply	DC	Li-Ion rechargeable battery 3.7 V		
	AC	AC 100-240 V 50-60 Hz		
Work time/ full charge time	4 – 5 hours			
Weight (incl. battery)	960.0 g			
Size	320*160*80 mm			

STANDARD PACKAGE

- Video borescope
- Interchangeable cameras (optionally)
- Safety rubber cap
- SD memory card 8GB
- Power source
- Robust storage and transportation case
- User manual

Articulating video borescope jProbe TX

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 640 X 480

AVI VIDEO: 640 X 480

4-WAY ARTICULATION

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS

VIDEO OUT: NTSC/PAL

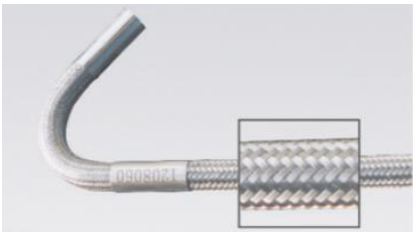
AUTONOMOUS WORK TIME

AA BATTERIES

- CMOS CAMERA • 3.5" LCD MONITOR
- LED BRIGHTNESS ADJUSTMENT
- PORTABLE AND EASY TO USE
- IMMEDIATE VIDEO AND SNAPSHOT
- VIDEO OUT FOR ADDITIONAL MONITOR
- AUTOMATIC SHUT-OFF FUNCTION

PRECISE ALL-WAY ARTICULATION

The articulation angle of the probe is controlled by the joystick. The distal end has the all-way 360º articulation.



STAINLESS STEEL BRAIDING OF THE PROBE

The probe has a multilayer braiding, the outer layer is made of stainless steel. Thus it is wear-resistant and resistant to water and aggressive environments.

CONVENIENT WRIST STRAP

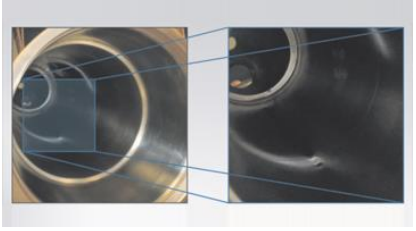
Wrist strap prevents the device from falling during the survey.

SNAPSHOT TRIGGER

Due to the built-in snapshot button ("trigger") you can record a still image by the touch of a finger.

HIGH-INTENSITY LED BRIGHTNESS ADJUSTMENT

High-intensity LED illumination has 5 brightness levels and a long life span.



DIGITAL ZOOM

5x digital zoom provides you the perfect image even of the smallest

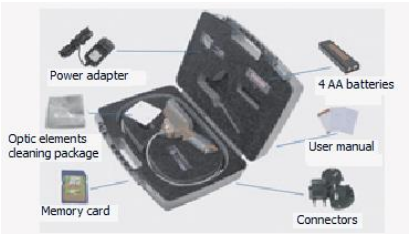
defects recorded during the survey.

jProbe TX video borescopes price-list (USD, EXW EUROPE, US)		
Probe diameter	**Probe working length**	
	1,5 m	**3,0 m**
4.5 mm with articulation	**7 133,00**	**8 916,00**
6.5 mm with articulation	**5 826,00**	**7 283,00**

TECHNICAL SPECIFICATIONS		
Probe diameter	4.5 mm	6.5 mm
Field of view	90°	90°
Resolution, pixels	350,000	350,000
Depth of field	15 mm ~ ∞	15 mm ~ ∞
Probe braiding material	Stainless steel	Stainless steel
Articulation	4-way (90° in any direction)	
Safety level	IP65	IP65 (IP67 optionally)
LCD monitor	5.8" colour TFT, 1024*768	
Illumination adjustment	5 levels	
Interfaces	VIDEO out	NISC/PAL Composite cable
	USB out	USB for connection to PC
Image recording	Storage media	SD memory card 8GB
	Still image	JPG 640*480 pixels
	Video	AVI 640*480 pixels, 15-30 fps
Image playback functions		Video: Play, Pause Still image: 5 digital zoom levels Preview – 6 images miniatures
System working temperature		-20ºC ~ 60ºC
Power supply	DC	5 V (4AA)
	AC	AC 100-240 V 50-60 Hz
Work time		2 hours
Weight		590.0 g
Size		270*100*130 mm

STANDARD PACKAGE

- Video borescope
- Container for batteries
- Safety rubber cap
- SD memory card 8GB
- Power source
- Composite cable
- Wrist strap
- Robust storage and transportation case
- User manual



Video borescope jProbe MX

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 640 X 480

VIDEO: MPEG 4

INTERCHANGEABLE PROBES

AUTONOMOUS WORK TIME

LI BATTERY

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS

- CMOS CAMERA
- 3.5" LCD MONITOR
- LED BRIGHTNESS ADJUSTMENT
- ZOOM IN AMD MIRROR FUNCTIONS
- IMMEDIATE VIDEO AND SNAPSHOT
- VIDEO OUT FOR ADDITIONAL MONITOR
- AUTOMATIC SHUT-OFF FUNCTION

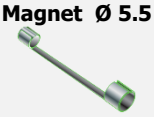
jProbe MX base unit price-list (USD, EXW EUROPE, US)

566,00

jProbe MX interchangeable probes price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length						
	1,0 m	2,0 m	3,0 m	5,0 m	10,0 m	20,0 m	30,0 m
5.5 mm	400,00	758,00	908,00	1 366,00	1 971,00	3 380,00	4 550,00
3.9 mm	769,00	845,00	983,00	-	-	-	-
4.9 mm 2 cameras	746,00	830,00	946,00	-	-	-	-
5.5 mm HYPERION	550,00	953,00	1 150,00	-	-	-	-
5.5 mm HYPERION MACRO	-	986,00	1 216,00				

Interchangeable optic tips price-list (for jProbe MX Ø 5.5) (USD, EXW EUROPE, US)

70/90/110° Optic tips Ø 5.5	Centring device Ø 15	Centring device Ø 25	Hook Ø 5.5	Magnet Ø 5.5
				
38,00	47,00	47,00	26,00	26,00

OPTIC TIPS DESCRIPTION

5.5 / 3.9 mm probes

Standard probes with front view.

*** Ø 3.9 mm probes can be ordered either with front view or with side view optic tips.**

4.9 mm 2-camera probes

2-camera probes with the control unit to switch between them.

5.5 mm HYPERION probes

ILLUMINATION TURBO MODE
Three additional illumination modes that used to enhance the brightness in dark environments.

IMAGE ROTATION
Rotates current image by 90° for the best interpretation of the results.

ANTIGLARE FUNCTION
Compensates illumination reflection effect from the glossy surfaces.

PARTICLE FREE FUNCTION
Eliminates particles from the image without cleaning the optic tip.

TECHNICAL SPECIFICATIONS

Size	177.5*207.0*37.0 mm
Weight	388 g
Power supply	Li-Po rechargeable battery 3.7 V Mains supply: AC 100-240 V 50-60 Hz Power consumption: DC 5.5 V 1.8 A
Battery capacity	4 hours
Storage media	SD memory card (up to 32 GB)
Video out	NTSC and PAL
Interface	AV
Video format	MPEG4
Still image format	JPEG (640*480 pixels)

STANDARD PACKAGE

- Base unit
- Probe
- SD memory card, 4 Gb
- USB cable
- Composite cable
- Optic elements cleaning package
- Charging unit
- Robust storage and transportation case
- User manual

- Protective cover (optionally):

100,00 (USD, EXW EUROPE, US)

Articulating video borescope jProbe FX

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 640 X 480

VIDEO: MPEG 4

2-WAY ARTICULATION

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS

INTERCHANGEABLE PROBES

AUTONOMOUS WORK TIME

LI BATTERY

- CMOS CAMERA
- 3.5" LCD MONITOR
- LED BRIGHTNESS ADJUSTMENT
- ZOOM IN AMD MIRROR FUNCTIONS
- IMMEDIATE VIDEO AND SNAPSHOT
- VIDEO OUT FOR ADDITIONAL MONITOR
- AUTOMATIC SHUT-OFF FUNCTION

jProbe FX base unit price-list (USD, EXW EUROPE, US)

566,00

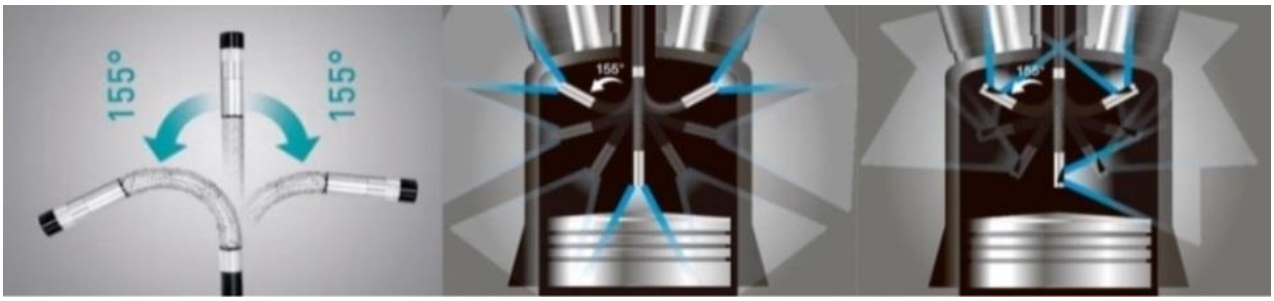
jProbe FX interchangeable probes price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length					
	1,0 m	2,0 m	3,0 m	6,0 m	8,0 m	10,0 m
6.0 mm with articulation	1 800,00	2 383,00	3 011,00	-	-	-
6.0 mm HYPERION with articulation	2 426 ,0	3 003,00	3 750,00	-	-	-

Interchangeable optic tips price-list (for jProbe FX Ø 6.0) (USD, EXW EUROPE, US)

70° optic tip Ø 6.0	90° optic tip Ø 6.0	110° optic tip Ø 6.0
38,00	**38,00**	**38,00**

**Attention! Interchangeable side view optic tips for jProbe FX Ø 6.0 are available only for HYPERION probes!*



INTERCHANGEABLE PROBES DESCRIPTION

6.0 mm probes with articulation

Standard probes with 2-way articulation

6.0 mm HYPERION probes with articulation

Probes with 2-way articulation and HYPERION functions

TECHNICAL SPECIFICATIONS

Size	177.5*207.0*37.0 mm
Weight	388 g
Power supply	Li-Ion rechargeable battery 3.7 V Mains supply: AC 100-240 V 50-60 Hz Power consumption: DC 5.5 V 1.8 A
Battery capacity	4 hours
Storage media	SD memory card (up to 32 GB)
Video out	NTSC and PAL
Interface	AV
Video format	MPEG4
Still image format	JPEG (640*480)
Articulation	2-way
Articulation angle	90° in any direction

STANDARD PACKAGE

- Base unit
- Probe
- SD memory card, 4 Gb
- USB cable
- Composite cable
- Optic elements cleaning package
- Charging unit
- Robust storage and transportation case
- User manual

jProbe FX protective cover price-list (USD, EXW EUROPE, US)

Protective cover

100,00

Articulating video borescope jProbe GX

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 640 X 480

VIDEO: MPEG 4

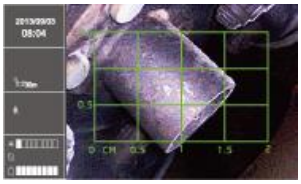
2-WAY ARTICULATION

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS

INTER-CHANGEABLE PROBES

AUTONOMOUS WORK TIME

AA BATTERIES



DEFECT SIZE MEASUREMENT OPTION

*Measurement tip is ordered as an option

B&W OR COLOUR IMAGE

MIRROR FUNCTION

SD CARD UP TO 32 GB

- 3.5" LCD MONITOR
- LED BRIGHTNESS ADJUSTMENT
- ZOOM IN AMD MIRROR FUNCTIONS
- ERGONOMIC DESIGN

- B&W OR COLOUR IMAGE
- IMMEDIATE VIDEO AND SNAPSHOT
- VIDEO OUT FOR ADDITIONAL MONITOR
- AUTOMATIC SHUT-OFF FUNCTION

jProbe GX base unit price-list (USD, EXW EUROPE, US)

658,00

Interchangeable optic tips price-list (for jProbe GX Ø 5.5/6.0) (USD, EXW EUROPE, US)

70/90/110° optic tips Ø 5.5 / 6.0	Centring device Ø 15	Centring device Ø 25	*Hook Ø 5.5	Magnet Ø 5.5	Measurement tip Ø 6.0
38,00	**47,00**	**47,00**	**26,00**	**26,00**	**163,00**

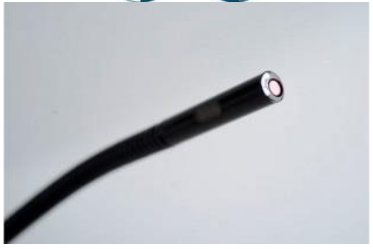
**Attention! Interchangeable side view optic tips for jProbe GX Ø 6.0 are available only for HYPERION probes!*

jProbe GX interchangeable probes price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length						
	1,0 m	2,0 m	3,0 m	5,0 m	10,0 m	20,0 m	30,0 m
5.5 mm	400,00	758,00	908,00	1 366,00	1 971,00	3 380,00	4 550,00
3.9 mm	769,00	845,00	983,00	-	-	-	-
4.9 mm 2-camera	746,00	830,00	946,00	-	-	-	-
5.5 mm HYPERION	550,00	953,00	1 150,00	-	-	-	-
5.5 mm HYPERION MACRO	-	986,00	1 216,00	-	-	-	-
6.0 mm with articulation	1 800,00	2 383,00	3 011,00	-	-	-	-
6.0 mm HYPERION with articulation	2 426,00	3 120,00	3 750,00	-	-	-	-
8.5 mm semi-rigid with shape memory	496,00	745,00	1 117,00				

INTERCHANGEABLE PROBES DESCRIPTION

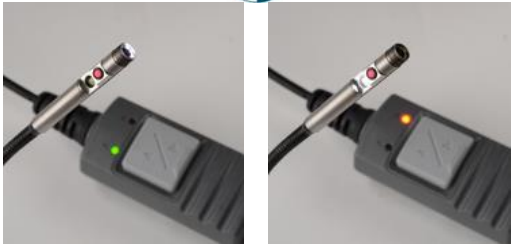
5.5 / 3.9 mm probes



Standard probes with front view.

*** Ø 3.9 mm probes can be ordered either with front view or with side view optic tips.**

4.9 mm 2-camera probes



2-camera probes with the control unit to switch between them.

5.5 HYPERION probes

ILLUMINATION TURBO MODE
Three additional illumination modes that used to enhance the brightness in dark environments.

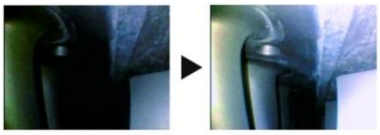
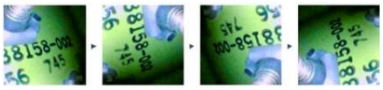
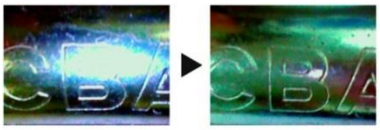


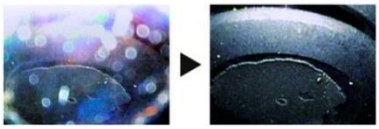
IMAGE ROTATION
Rotates current image by 90° for the best interpretation of the results.



ANTIGLARE FUNCTION
Compensates illumination reflection effect from the glossy surfaces.



PARTICLE FREE FUNCTION
Eliminates particles from the image without cleaning the optic tip.



6.0 mm probes with articulation

Standard probes with 2-way articulation

6.0 mm HYPERION probes with articulation

Probes with 2-way articulation and HYPERION functions

TECHNICAL SPECIFICATIONS	
Size/weight	275.0*123.0*55.0 mm / 370 g
Monitor	3.5" LCD QVGA
Power supply	4 x AA batteries 1.5 V
Battery capacity	4 hours
Storage media	SD memory card (up to 32 GB)
Video out	NTSC and PAL
Interface	AV
Video format	MPEG4
Still image format	JPEG (640*480)
Articulation (when using articulating probe)	2-way
Articulation angle	90° in any direction

STANDARD PACKAGE

- Base unit
- Probe
- SD memory card, 4 Gb
- USB cable
- Composite cable
- 4 x AA batteries
- Optic elements cleaning package
- Robust storage and transportation case
- User manual

jProbe GX protective cover price-list (USD, EXW EUROPE, US)

Protective cover

100,00

Wireless video borescope jProbe RX

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 640 X 480

AVI VIDEO: 640 X 480

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS

INTERCHANGEABLE PROBES

Wi-Fi VIDEO TRANSFER

LI BATTERY

jProbe RX base unit price-list (USD, EXW EUROPE, US) (with WIFI handle for wired probes)

766,00

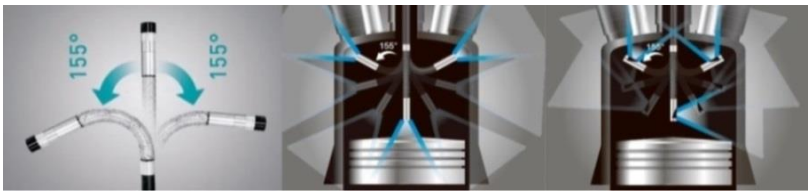
jProbe RX interchangeable probes price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length						
	1,0 m	2,0 m	3,0 m	5,0 m	10,0 m	20,0 m	30,0 m
6.0 mm HYPERION with articulaion wireless	2 790,00	3 588,00	4 311,00	-	-	-	-
5.5 mm	400,00	758,00	908,00	1 366,00	1 971,00	3 380,00	4 550,00
3.9 mm	769,00	845,00	983,00	-	-	-	-
4.9 mm 2-camera	746,00	830,00	946,00	-	-	-	-
5.5 mm HYPERION	550,00	953,00	1 150,00	-	-	-	-
5.5 mm HYPERION MACRO	-	986,00	1 216,00				

Interchangeable optic tips price-list (for jProbe RX Ø 5.5/6.0) (USD, EXW EUROPE, US)

70/90/110° optic tips Ø 5.5 / 6.0	Centring device Ø 15	Centring device Ø 25	Hook Ø 5.5	Magnet Ø 5.5
38,00	47,00	47,00	26,00	26,00

**Attention! Interchangeable side view optic tips for jProbe RX Ø 6.0 are available only for HYPERION probes!*



jProbe RX protective cover price-list (USD, EXW EUROPE, US)

100,00

INTERCHANGEABLE WIRELESS PROBES DESCRIPTION

6.0 mm
HYPERION wireless probes
with articulation

Wireless probes with 2-way articulation and HYPERION functions

BASE UNIT TECHNICAL SPECIFICATIONS

Size/weight	146.9*105.4*71.0 mm / 335 g
Power supply	Li-Ion rechargeable battery 3.7 B Mains supply: AC 100-240 V 50-60 Hz Power consumption: DC 5.5 V 1.8 A
Battery capacity	4 hours
Storage media	SD memory card (up to 32 GB)
Wireless connection	2,4 GHz 4 channels
Interface	AV out
Video format	MPEG4 (640*480)
Still image format	JPEG (640*480)
Articulation (when using articulating probe)	2-way
Articulation angle	90° in any direction

STANDARD PACKAGE

- Base unit
- WiFi handle
- Probe
- SD memory card, 4 Gb
- USB cable
- Composite cable
- Optic elements cleaning package
- Charging unit
- Robust storage and transportation case
- User manual

WiFi HANDLE TECHNICAL SPECIFICATIONS

Size/weight	139.3*34.9*31.9 mm / 220 g
Battery	Li-Ion rechargeable battery 3.7 V
Illumination adjustment	Integrated adjustment wheel
Audio	Integrated microphone

Video borescope jProbe LT

LED BRIGHTNESS ADJUSTMENT

MIRROR FUNCTION

AA BATTERIES

VIDEO OUT: NTSC/PAL

AUTONOMOUS WORK TIME

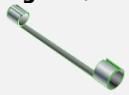
INTERCHANGEABLE PROBES

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS

jProbe LT video borescopes price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length 1,0 m
3.9 mm	808,00
5.5 mm	775,00
8.5 mm	706,00

Interchangeable optic tips price-list (for jProbe LT Ø 5.5) (USD, EXW EUROPE, US)

70/90/110° optic tips Ø 5.5	Centring device Ø 15	Centring device Ø 25	Hook Ø 5.5	Magnet Ø 5.5
				
38,00	47,00	47,00	26,00	26,00

**Attention! Interchangeable 70° and 110° side view optic tips are not available for 8.5 mm jProbe LT!*

TECHNICAL SPECIFICATIONS

Size	93.5*209.5*57.5 mm
Monitor	2.4" LCD
Display resolution	320 x 240
Power supply	4x AA batteries 1.5 V
Work time	8 hours
Working temperature	0°C~60°C
Storage temperature	20°C~60°C
Video out	AV

STANDARD PACKAGE

- Endoscope
- 4 x AA batteries
- Charging unit
- Storage and transportation case
- User manual

Wireless video borescope jProbe VB

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 525 X 480

AVI VIDEO FORMAT: 525 X 480

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS

AUTONOMOUS WORK TIME

Wi-Fi VIDEO TRANSFER

WITH BATTERY

jProbe VB interchangeable probes price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length					
	3,0 m	5,0 m	10,0 m	15,0 m	20,0 m	30,0 m
9.8 mm	3 133,00	3 633,00	4 665,00	5 716,00	6 750,00	7 533,00

TECHNICAL SPECIFICATIONS

Weight	738 g (without batteries)
Probe braiding material	Polyurethane
Field of view	(H/V): 63°/ 49°
Depth of field	40 mm (±10 mm)
Power supply	Autonomous, 2 x C batteries
Working time	10 hours
Sensor	CMOS
Resolution	525 x 480 TV
System working temperature	-10°C~40°C
Relative humidity	max 95%, without condensing
Wi-Fi	1.2 Hz

STANDARD PACKAGE

- Endoscope
- Video recorder (optionally)
- 2 x C batteries
- Storage and transportation case
- User manual

jProbe VB video equipment price-list (USD, EXW EUROPE, US)

Lept video recorder

Registration of the image through Wi-Fi with the live image display function

750,00

Doga video recorder

Registration of the image through Wi-Fi with the live image display function and ability to record still and video images onto the internal memory

1 716.00

Video borescope Heat EX

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 640 X 480

MPEG 4 VIDEO FORMAT: 640 X 480

VIDEO OUT: COMP NTSC/PAL

AUTONOMOUS WORK TIME

LI BATTERY

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS

CABLE COUNTER

WATER-/ DUSTPROOF

INTENDED FOR HEAT EXCHANGERS CONTROL

- 7.0" LCD MONITOR
- LED BRIGHTNESS ADJUSTMENT
- ZOOM IN AMD MIRROR FUNCTIONS
- IMMEDIATE VIDEO AND SNAPSHOT
- VIDEO OUT FOR ADDITIONAL MONITOR
- AUTOMATIC SHUT-OFF FUNCTION

jProbe Heat EX video borescope price-list (USD, EXW EUROPE, US)

Probe diameter	Probe working length
10.0 mm	15,0 m
	29 566,00

jProbe Heat EX accessories price-list (USD, EXW EUROPE, US)

70° optic tip Ø 10.0	telescopic rod for the vessels
208,00	463,00

TECHNICAL SPECIFICATIONS	
Cable length	15.0 m
Cable diameter	7 mm
Camera head diameter	10 mm
Focal length	10-100 mm
Field of view	87.1°
Camera head material	Stainless steel
Double illumination	Front and side
Working temperature	-20C° ~ 60C°
Storage temperature	-20C° ~ 60C°
Waterproof	Cable and camera - IP68 Reel and recorder - IP55
Dustproof	Reel and recorder - IP65
Impact resistance of the recorder	Resists 1 m drop
Reel diameter	300.0 mm
Weight	6 kg
Display	7" LCD (800x480)
Power supply	Li-Po rechargeable battery 3.7 V Mains supply: AC 100-240 V 50-60 Hz
Battery capacity	About 2 hours
Storage media	SD memory card (up to 32 GB)
Video out	Composite (NTSC and PAL)
Video format	MPEG4 (640*480)
Still image format	JPEG (640*480)
B&W mode	Yes
Mirror function	Yes
Cable meter	Yes, in meters
Cable meter power supply	2 x AAA (DC 3V),~150 working hours

STANDARD PACKAGE

- Video borescope
- User manual
- Accessories (optionally)

Inspection camera jProbe SP

LED BRIGHTNESS ADJUSTMENT

JPEG IMAGE FORMAT: 640 X 480

VIDEO: MPEG4

INTERCHANGEABLE CAMERAS

AUTONOMOUS WORK TIME

LI BATTERY

RESISTANT TO WATER, OIL AND AGGRESSIVE ENVIRONMENTS

- CMOS CAMERA
- 3.5" LCD MONITOR
- СВЕТОДИОДНАЯ LED BRIGHTNESS ADJUSTMENT
- ZOOM IN AMD MIRROR FUNCTIONS
- IMMEDIATE VIDEO AND SNAPSHOT
- VIDEO OUT FOR ADDITIONAL MONITOR
- AUTOMATIC SHUT-OFF FUNCTION

jProbe SP inspection camera price-list (USD, EXW EUROPE, US)

1 826,00

TECHNICAL SPECIFICATIONS

Size	177.5*207.0*37.0 mm
Camera head diameter	28 mm
Distal end articulation angle	150° with shape memory
Illumination	Extra-power LEDs
Weight	678 g
Power supply	Li-Po rechargeable battery 3.7 V Mains supply: AC 100-240 V 50-60 Hz Power consumption: DC 5.5 V 1.8 A
Battery capacity	4 hours
Storage media	SD memory card (up to 32 GB)
Video out	NTSC and PAL
Interface	AV
Video format	MPEG4
Still image format	JPEG (640*480 pixels)

STANDARD PACKAGE

- Base unit
- Handle with camera
- SD memory card, 4 Gb
- USB cable
- Composite cable
- Optic elements cleaning package
- Charging unit
- Robust storage and transportation case
- User manual

Foreign objects retrieval tools

Sometimes a foreign object can stuck inside the object of control. The after-effects of that can be really catastrophic and irreversible, they can lead to enormous financial expenses. Foreign objects retrieval tools kit from jProbe can lend you a helping hand in such emergent situations. jProbe retrieval tools kit is absolutely necessary for every professional operator, that deals with remote visual control (RVI) equipment.

Order code	Image	Description	Price (USD, EXW EUROPE, US)
WT-2322BT		**Foreign objects retrieval tool with oval grabs** Working length: 2200 mm Full length: 2400 mm Diameter: 2,3 mm Metal parts of the tool are made of corrosion-resistant steel with advanced mechanical characteristics.	**335,00**
WT-2322BU		**Foreign objects retrieval tool with "alligator-type" grabs** Working length: 2200 mm Full length: 2400 mm Diameter: 2,3 mm Metal parts of the tool are made of corrosion-resistant steel with advanced mechanical characteristics.	**335,00**
WT-2323DT25		**Foreign objects retrieval tool with "loop-type" grab** Working length: 2300 mm Full length: 2560 mm Diameter: 2,3 mm Metal parts of the tool are made of corrosion-resistant steel with advanced mechanical characteristics. Isolation cover can withstand disruptive voltage of 1500 V.	**291,00**
WT-2323DB25		**Foreign objects retrieval tool with "crescent loop" grab** Working length: 2300 mm Full length: 2560 mm Diameter: 2,3 mm Metal parts of the tool are made of corrosion-resistant steel with advanced mechanical characteristics. Isolation cover can withstand disruptive voltage of 1500 V.	**291,00**
WT-2323DL25		**Foreign objects retrieval tool with "hexagonal loop" grab** Working length: 2300 mm Full length: 2560 mm Diameter: 2,3 mm Metal parts of the tool are made of corrosion-resistant steel with advanced mechanical characteristics. Isolation cover can withstand disruptive voltage of 1500 V.	**291,00**
WT-2323GL630		**Foreign objects retrieval tool with "3D loop" grab** Working length: 2300 mm Full length: 2560 mm Diameter: 2,3 mm The grab is made of highly elastic nickel- titanium alloy.	**411,00**
WT-2323GL530		**Foreign objects retrieval tool with "heliciform 3D loop" grab** Working length: 2300 mm Full length: 2560 mm Diameter: 2,3 mm The grab is made of highly elastic nickel- titanium alloy.	**411,00**

WT-2323GL430		**Foreign objects retrieval tool with "hexagonal 3D loop" grab** Working length: 2300 mm Full length: 2560 mm Diameter: 2,3 mm The grab is made of highly elastic nickel- titanium alloy.	**283,00**
WT-2323GM3G		**Foreign objects retrieval tool with 3-teeth "pliers-type" grab** Working length: 2300 mm Full length: 2460 mm Diameter: 2,3 mm Metal parts of the tool are made of corrosion-resistant steel with advanced mechanical characteristics.	**441,00**
WT-2323GM4G		**Foreign objects retrieval tool with 4-teeth "pliers-type" grab** Working length: 2300 mm Full length: 2460 mm Diameter: 2,3 mm Metal parts of the tool are made of corrosion-resistant steel with advanced mechanical characteristics.	**441,00**
WT-1823WG		**"Brush-type" cleaning tool** Working length: 2300 mm Diameter: 2,3 mm	**28,00**

* The full WT-732KIT tool-kit (11 tools) price is 3 563,00 USD, EXW EUROPE, US

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Authorized jProbe dealer:

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